

***Fluorescence-Based High Throughput Screening Assays for Protein Kinases and Phosphatases***

5       The invention relates to novel fluorescence-based assays for protein kinases  
and phosphatases which can be used in high throughput screening. The methods of  
the invention utilize a competitive immunoassay to determine the amount of substrate  
that is phosphorylated or dephosphorylated during the course of a kinase or  
phosphatase reaction to yield a product, as well as the phosphorylating or  
dephosphorylating activity of a kinase or phosphatase.

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